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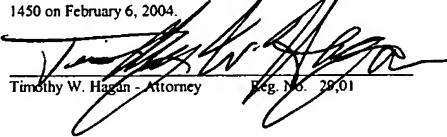
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Hinterdorfer et al.
Serial No. : 10/697,841
Filed : October 30, 2003
Title : **TOPOGRAPHY AND RECOGNITION IMAGING ATOMIC FORCE MICROSCOPE AND METHOD OF OPERATION**
Docket : MOL 0074 PA/40518.102

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on February 6, 2004.


Timothy W. Hogan - Attorney

Reg. No. 29,01

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

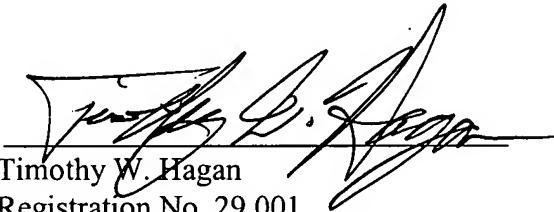
The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all

Serial No. 10/697,841
Docket No. MOL 0074 PA/40518.102

U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

Respectfully submitted,
DINSMORE & SHOHL LLP

By


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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/697,841
Filing Date	October 30, 2003
First Named Inventor	Peter Hinterdorfer
Art Unit	
Examiner Name	
Attorney Docket Number	MOL 0074 PA/40518.102

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Sheet	2	of	2	Attorney Docket Number	MOL_0074 PA/40518.102

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BAUMGARTNER ET AL., "Cadherin interaction probed by atomic force microscopy", PNAS, April 11, 2000, Vol. 97, No. 8, pp. 4005-4010	
		RAAB ET AL., "Antibody recognition imaging by force microscopy", Nature Biotechnology, Vol. 17, September 1999, pp. 902-905	
		HINTERDORFER ET AL., "Detection and localization of individual antibody-antigen recognition events by atomic force microscopy", Proc. Natl. Acad. Sci. USA, Vol. 93, April 1996, pp. 3477-3481	
		KIENBRGER ET AL., "Static and Dynamical Properties of Single Poly(Ethylene Glycol) Molecules Investigated by Force Spectroscopy", Single Mol. 1 (2000) 2, pp. 123-128	
		HAN ET AL., "A magnetically driven oscillating probe microscope for operation in liquids", Appl. Phys. Lett. 69 (26), December 23, 1996, pp. 4111-4113	
		LEE ET AL., "Sensing Discrete Streptavidin-Biotin Interactions with Atomic Force Microscopy", Langmuir 1994, 10, pp. 354-357	
		HINTERDORFER ET AL., "A Mechanistic Study of the Dissociation of Individual Antibody-Antigen Pairs by Atomic Force Microscopy", Nanobiology, 1998, Vol. 4, pp. 177-188	

Examiner Signature	Date Considered

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